

# DELIVERABLE

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## D6.8 CARARE National Workshops Report

**Revision: Final**

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This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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## 1. Introduction

The project planned that each country partner would hold a National Dissemination Workshop during the third year of the CARARE Project. In the cases where there were more than one partner organisation in a country (e.g. the Netherlands and Greece) or neighbouring countries shared a common language and culture (e.g. Czech Republic and the Slovak Republic), partners were encouraged to organise joint events. Reminders were sent out during Year 2 so that partners had time to prepare. This was especially important for organisations who wanted to organise their workshop in association with a third party conference similar event and therefore required a lead time for submission of a workshop proposal.



*Kate Fernie and invited speakers at the NID National Workshop, Warsaw.*

Some of the partners are well placed as National Heritage Institutions with a dissemination remit to organise their own workshops, others institutions had less experience. Regardless of this, seventeen workshops were held successfully in a variety of formats and each partner has submitted a report following the template supplied by the project for this purpose. Academic institutions such as ADS and SNS opted to organise their workshops at selected international conferences whilst other cultural

heritage organisations such as CAAI and NPU held their own events. Heritage Malta held their Workshop as one of the events forming a Hagar Qim and Mnajdra Temples Open Day, NID in Poland held their Workshop as part of their 50<sup>th</sup> Anniversary Conference and KUAS chose to promote CARARE organising the Hack4DK hackathon in collaboration with other Danish CH bodies (since they were also organising the Final Conference so wished to reach a different but equally important audience of end users).

Only two of the content providers in CARARE were not able to organise national workshops. These were the German Archaeological Institute (DAI) and NAIM in Bulgaria. However, DAI will continue dissemination through several occasions such as the yearly conference of German archaeologists and other meetings organised by the projects IANUS, DARIAH, ARIADNE and EAGLE. NAIM presented the project at their National Archaeological Conference at Burgos in May to around 150 archaeologists.

## 2. Guidelines and Presentations

A set of Guidelines was prepared and circulated to partners in September 2011 to encourage them to start thinking about their workshop and begin planning the event as follows.

### 2.1 National Workshops Guidelines

#### Objective

To promote the CARARE project results to encourage other archaeological institutions with digital content to make it available through Europeana.

#### Format

A two to four hour event during which partners can present what they have done and have guests to talk about specific aspects of the project:

- EUROPEANA – an overview/context
- Who the aggregators are
- Why CARARE
- Why the organisation originally joined CARARE
- Their collections
- A simple technical overview of the process
- How you went about providing the metadata
- Mapping the metadata using the Schema
- Using MINT, Uploading the metadata and ingesting it
- Creating the repositories
- 3D content (if applicable)
- Selecting the metadata
- Creating the 3D PDF files
- Problems and solutions
- A demonstration of your data in Europeana
- Benefits of CARARE and EUROPEANA
- What you have learned and the experience gained
- The Europeana Data Agreement (Terms & Conditions)
- Future plans
- Sustainability of CARARE



## Standard Presentations

A set of standard presentations was made available for partners to use which cover most of the topics suggested above. These were in English and were translated by partners if required:

- CARARE Essentials – a brief introduction to Europeana and the CARARE Project.
- CARARE 3D – an overview of the type of 3D content being provided by the project, the 3D options considered and why 3D PDF has been chosen as the most suitable by CARARE.

## Some things to consider

Organising the event - at an existing conference or event involves allowing time to submit a proposal and for it to be accepted by the organising committee.

Organising a freestanding event - requires contacts, facilities and experience

Marketing the event – via your own national channels and via CARARE.

Facilities – translators may be required (and equipment such as headphones for the audience)

Live internet connection may be needed for demos

Printed brochures to distribute at the event - these are available in English for translation if required.

Inviting other speakers - checking availability and travel costs.

### **3. Marketing**

Marketing of the workshops was mainly the responsibility of the organisers of the national workshops who had direct contact with the people they wished to attend. However, information about the workshops was disseminated at the project level through the website where a National Workshops page (<http://www.carare.eu/eng/Activities/CARARE-National-Workshops>) was set up under the Activities section.

The Workshops were also featured in the CARARE Newsletters 7 and 8 (<http://www.carare.eu/eng/News>).

### **4. Individual Workshop Reports**

Each of the workshop organisers submitted a report about their workshop which are summarised in this section and published in full on the workshops page (above):

- 1) UK - 26<sup>th</sup> March 2012 at CAA, Southampton organised by ADS and DCU.
- 2) Malta - 29<sup>th</sup> June 2012 at Hagar Qim and Mnajdra Visitor Centre organised by Heritage Malta
- 3) Italy - 5<sup>th</sup> September 2012 at VSMM Conference, Milan organised by Scuola Normale Superiore di Pisa, Italy
- 4) Poland – September 7<sup>th</sup>–9<sup>th</sup> and 12<sup>th</sup> – 13<sup>th</sup> December 2012
- 5) Spain - 25<sup>th</sup> September, 2012 at the Institute for Iberian Archaeology, Jaen organised by CAAI
- 6) Sweden - 3<sup>rd</sup> October 2012 at the CAA Conference, Stockholm organised by the Swedish National Heritage Board
- 7) Denmark - 5-6<sup>th</sup> October 2012. #Hack4DK organised by KUAS, Royal Library and the National Archives at the Royal Library, Copenhagen.
- 8) Estonia – 18<sup>th</sup> October 2012 organised by EVKM, Tallinn.
- 9) Czech Republic/Slovakia - 25<sup>th</sup> October 2012 at the National Technical Museum, Prague organised by NPU
- 10) Cyprus - 31<sup>st</sup> October 2012 at The Cyprus Institute, Nicosia, Cyprus
- 11) Romania - 4<sup>th</sup> December 2012 organised by CIMEC at the Library of the National Institute, Bucharest.
- 12) Iceland – 5<sup>th</sup> December 2012 organised by AHAI at the Hótel Plaza, Aðalstræti 4, Reykjavík



- 13) Lithuania – 17<sup>th</sup> December 2012 organised by the Vilnius University Faculty of Communication & Vilnius University Library at the Old campus of Vilnius University (Senate Hall).
- 14) Belgium – 30<sup>th</sup> December 2012 organised by MBRC at Brussels
- 15) Greece – 30<sup>th</sup> January 2013 organised by HMC-DNAM at the Byzantine and Christian Museum, Athens.
- 16) Netherlands - 31st January 2013 at the RCE Amersfoort, NL and jointly organised by RCE and N303.
- 17) Slovenia - 30th January 2013 organised by IPCHS at the National Museum of Slovenia, Ljubljana.

## **4.1 ADS Year 3 UK Dissemination Workshop Report**

Authors: Dr. Stuart Jeffrey ADS, Sheena Bassett MDR.

The CARARE International Workshop was jointly organised by ADS and DCU and held at Computer Applications & Quantitative Methods in Archaeology (CAA), University of Southampton, UK, on the 26th March, 2012. The workshop was also the ADS National Dissemination Workshop.

### **About CAA**

CAA is an annual conference held at various locations around the world and has been going for forty years. It is well established and one of the most prestigious international events for archaeology and technology. It is aimed at archaeologists, information management specialists and content holders.

The conference subject area covers computing applications used in archaeology based around eight themes:

1. Simulating the Past
2. Spatial Analysis
3. Data Modelling & Sharing
4. Data Analysis, Management, Integration & Visualisation
5. Geospatial Technologies
6. Field & Lab Recording
7. Theoretical Approaches & Context of Archaeological Computing
8. Human Computer Interaction, Multimedia, Museums.

CARARE submitted a successful proposal for a workshop to be held on the first day of the conference. The workshop did not have to hit a specific theme, but actually overlapped with a number of themes and was closest to Data Management and Integration.

### **Marketing the Workshop**

With over 200 sessions and 1,000 participants (including presenters, session chairs etc.), CAA provided a large target audience. The attendees came from a wide range of cultural heritage organisations as well as private institutions and consisted mainly of professionals along with some students.

Channels used: CARARE website and Twitter in addition to the CAA event marketing.

Website URL: <http://caaconference.org>

## **CARARE – Archaeology in Europeana Workshop Programme (as published by CAA)**

Funded by the European Commission, Europeana (<http://www.europeana.eu/>) was launched in 2008, with the goal of making Europe's cultural and scientific heritage accessible to the public. It is a hugely significant and ambitious project which enables people to explore the digital resources of Europe's museums, libraries, archives and audio-visual collections through a single multi-lingual portal. The concentration to date has been on content from national libraries, archives and galleries and as such Europe's rich archaeological resources are currently underrepresented. CARARE is a Best Practice Network, funded under the European Commission's ICT Policy Support Programme, which started on 1 February 2010 and which will run for three years. CARARE engages and supports Europe's network of heritage agencies and organisations, archaeological museums and research institutions, and specialist digital archives in:

- making the digital content for the archaeology and architectural heritage that they hold available through Europeana,
- aggregating content and delivering services,
- and enabling access to 3D and Virtual Reality content through Europeana.

CARARE plays an important role in drawing together Europe's network of organisations responsible for investigating, protecting, informing and promoting unique archaeological monuments, architecturally important buildings, historic town centres and industrial monuments.

Lead by CARARE project partners the ADS from York, UK and the DCU based in Athens, Greece, this workshop will offer an opportunity for the international archaeological community to explore the work of the CARARE project and its relationship with Europeana. The workshop will consist of demonstrations of Europeana, the CARARE tools for data ingestion, the CARARE metadata repository, and CARARE data standards. This will be followed by a wide-ranging question and answer session with the CARARE team covering international data aggregation projects and the future directions that Europeana and CARARE might follow.

CARARE is an important opportunity for archaeologists, data holders, and data creators to engage with the European Commissions vision for making rich cultural heritage material available to all its citizens. This workshop will be of interest to everyone who consumes archaeological content online is concerned with public engagement, data management, data sharing and data standards, especially those who hold digital archaeological content, including 3D, and would like to make it more broadly available both to the specialist archaeological community and public at large.

## The CARARE Workshop



*Attendees at the CARARE CAA Workshop*

While around 26 people expressed an interest at registration the actual number of attendees was lower. As no-one was required to formally register in advance for the workshop, it is not possible to say exactly what their backgrounds are (beyond archaeological informatics), although there was very good international coverage.

The workshop consisted of four presentations followed by question and answer sessions and lasted 2 hours. The programme was as follows:

- Introduction – Stuart Jeffrey (ADS)
- Sheena Basset (MDR) - Introduction and overview to Europeana and the CARARE project
- Stavros Angelis and Dimitris Gavrilis (DCU), Ingest and harvesting lifecycle of the MoRe repository
- Holly Wright and Stuart Jeffrey (ADS) – ADS Ingest of 3D PDFs and Imagebank Data into CARARE
- Valentijn Gilissen (DANS) – DANS data preparation and ingest.
- Round up and final questions.



## Feedback from participants

The content was well received with some very active discussion on a number of CARARE related topics ranging from the highly technical to the more general issues of, for example, sustainability. One question asked was “What services would be provided (by CARARE) to push enriched data back top the content owners?” Stuart Jeffrey responded by saying that the project was currently looking at this and service possibilities included geospatial conversion tools, previewing for Europeana, gazeteering mapping, ...

A number of conversations continued ‘off-line’ throughout the conference – with Stuart Jeffrey, Holly Wright and Valentijn Gilissen attending the entire CAA event.

## Subsequent follow-up and contacts

A postcard sized leaflet was distributed at the workshop and also made available at the CAA event for other participants to take (60 in total).



## **4.2 Heritage Malta National Dissemination Workshop Report**

Author: Joanne Mallia, Heritage Malta

### **Introduction**

Heritage Malta organised their workshop entitled “National Seminar for CARARE: Connecting Archaeology and Architecture in Europeana” at the Hagar Qim and Mnajdra Open Day held at the Hagar Qim and Mnajdra Visitor Centre on the 29th June 2012. A CARARE Information Stand was available at the site from 9:00 to 19:00 and the workshop was held at 15:00 to 16:00.

Hagar Qim and Mnajdra Temples are two World Heritage Sites. The event included several information points on different topics such as food, ceramics, and technology as well as lectures and presentations aimed at both the general public and academics. The event was completely free of charge and overall 1,310 visitors attended the Open Day.

### **Workshop Marketing**

The target audience consisted of Cultural Heritage Professionals, Cultural Heritage Institutions as well as the general public.

#### *The Open Day and the CARARE Workshop on the Heritage Malta Website*

The hosting event and the National Seminar were marketed using several media channels. Heritage Malta's website and its pages on social networks were used to reach its members and followers. The Facebook page with over 6,000 followers was particularly effective. A press release was circulated amongst all newspapers and major media outlets and it was printed in several including 'The Malta Independent', Maltastar.com and Malta.com. Electronic and physical notices were sent to the major cultural heritage institutions and, in particular, the authority which regulates archaeological discoveries and the national cultural heritage inventory, the Superintendence of Cultural Heritage.

A brochure with information on the National workshop, the hosting event and a programme was also distributed on the day.



## The CARARE Workshop

Dissemination on CARARE was carried out in two ways at the hosting event. An official, formal presentation was carried out in the media room between 15:00 and 16:00. Attendance at this event was rather poor although the targets were reached as curators of different sites, freelance archaeologists and, more importantly, representatives of the Superintendence of Cultural Heritage were present.



*Noel Zammit and Joanne Mallia present the CARARE Project*

Secondly, on the general visitor route, an information stand on CARARE was set up and manned by Joanne Mallia, as one of the site curators and a participant in CARARE, and Samantha Mallia, the creator of an interactive 3D model of the Skorba Temples. The stand was open throughout the day.



*A visitor navigates a 3D Model of the temples*





## CARARE: Connecting ARchaeology and ARchitecture in Europeanana

CARARE is a Best Practice Network funded under the ICT PSP 2009 programme of the European Commission. With 29 partners in 21 countries, it is designed to involve the network of heritage organisations, archaeological museums, research institutions and specialist digital archives:

- in making the digital content that they hold available to Europeanana, the European Digital Library,
- establishing a sustainable aggregation service for archaeology and architecture resources and
- enabling the integration of 3D and Virtual Reality content in Europeanana.



*"A digital library that is a single, direct and multilingual access point to the European cultural heritage."*

European Parliament, 27 September 2007



### CARARE on 3D and Virtual Reality

CARARE is introducing the use of 3D models and Virtual Reality in Europeanana as a way to complement the study and understanding of cultural heritage sites and objects. The research involved finding ways of simplifying models, creating specialised metadata and finding the best user-friendly format to enable viewing by visitors to [www.europeanana.eu](http://www.europeanana.eu).



Through the project, Heritage Malta will be making several of the 3D models of its sites available online. Basic interaction such as walking through them, rotating and zooming will also be possible.

Photo: 3D model of the Tarxien Temples

### CARARE Content and Aggregation Service

The CARARE partners are contributing more than 2 million digital objects to Europeanana.

Heritage Malta is contributing thousands of records with information about its prehistoric sites and a part of its prehistoric collection. These records include textual descriptions, photographs, measurements, reports, plans and maps.

CARARE has also established an aggregation service for archaeology/architecture organisations to help them transform their records into Europeanana friendly formats.



This project is partially funded under the ICT Policy Support Programme (ICT PSP) as part of the Competitiveness and Innovation Framework Programme by the European Community



### The CARARE Poster

Posters describing CARARE and its objectives were also set up at the entrance to the media room and next to the information stand.

The formal presentation included a lecture given by Noel Zammit and Joanne Mallia, aided by a PowerPoint presentation. The topics included an overview of Europeana, the project objectives, the metadata schema and the harvesting process, the inclusion of 3D data into Europeana and Heritage Malta's contribution.



At the information stand (left) visitors were given a very brief overview of all of the above. Additionally, the stand was equipped with a monitor on which visitors could watch a 3D reconstruction being created, as well as an interactive point where they could browse through a demo CARARE 3D PDF document on the Tarxien Temples and an interactive 3D model of the Skorba Temples.

## Feedback from the Event

Participants at the formal presentation were primarily from cultural heritage institutions. They were particularly interested in the harvesting process and the utilisation of 3D PDF and expressed an interest in the possibility of contributing to CARARE and Europeana.



At the stand, visitors came from a wide variety of backgrounds. Members of the general public were particularly interested in Europeana and its educational potential. Academics were more interested in its research potential.

*The CARARE Stand at the Visitor Centre*



### **4.3 SNS National Workshop at VSMM, Milan Report**

#### **Introduction**

The Italian National Dissemination Workshop was organised by Scuola Normale Superiore of Pisa (SNS) at the VSMM Conference held in Milan on Wednesday 5<sup>th</sup> September. As one of the main providers of 3D PDF Models to Europeana, the workshop focussed on this aspect of metadata and content provision.

#### **About VSMM**

The International Conference on Virtual Systems and Multimedia (VSMM) is the premier forum for the presentation of research on 3D acquisition, multimedia visualization, interaction technologies and their applications. Known for its multidisciplinary approach, VSMM has become a bridge between technology, art, history, science and engineering. The conference has been held annually since 1995 (with the exception of 2011 when the Egyptian conference was cancelled for public safety reasons), VSMM 2012 was the 18th gathering of the VSMM Society and was hosted by the Politecnico di Milano (PoliMi). The papers presented are fairly technical in content and the proceedings are published in the IEEEExplore digital library (<http://ieeexplore.ieee.org>).

The 2012 event focused upon virtual systems and multimedia with two themes oriented to technological developments (3D Content Development and Visualization & Interaction), and two themes to application-oriented research (Cultural Heritage and VSMM, Art, & Society). Archaeology and historical cultural heritage was very well represented along with 3D and immersive environments for a wide variety of other applications such as human behaviour and geographic. The participants (both presenters of papers and attendees) came from academia and research institutions, cultural heritage organisations and commercial archaeology and 3D technology companies. They were mainly professionals with some students attending as well.

For further information see <http://www.vsmm2012.org/>.

#### **Marketing the Workshop**

The 2012 VSMM Conference is attended by several hundred people with an interest in 3D and multimedia. With the cultural heritage theme, it was considered to have an ideal target audience with many of the participants from national institutions and research organisations involved in archaeology and use of 3D modelling. VSMM had its own conference website which listed the CARARE workshop.

In addition, the Workshop was listed on the CARARE website and the Workshops have been featured on the CARARE Newsletter. SNS also contributed in communicating the Workshop by sending invitations by e-mail to researchers, scholars and professionals in the IT sector that could be interested in the Workshop.





## The Programme

The programme consisted of the following presentations with question and answers sessions taken after each one.

Programme: September 5, 11.30 - 13.00 Chair: Kate Fernie

- Kate Fernie, Sheena Bassett "CARARE: archaeological content and 3D models for Europeana".
- Daniel Pletinckx "3D for the Layman. Issues and Perspectives"
- Sorin Hermon, Franco Niccolucci, Paola Ronzino "3D data online - sharing knowledge on a 3D archaeological workflow: the case study of the Greek-Roman theatre at Pafos, Cyprus".
- Maria Emilia Masci, Sebastiano Ercoli "The Pompeii Civil Forum 3D model. Survey, modelling, metadata creation, integration and publishing through CARARE".

The complete programme was available for download on the VSMM website.

## The Presentations

### CARARE: archaeological content and 3D models for Europeana

Kate Fernie chaired the Workshop and introduced the CARARE Project, explaining what Europeana was and how CARARE provided metadata for digital content related to archaeology and architecture. She then talked about 3D models and the Europeana requirements, i.e. to be viewable by any end user on common PC platforms without the need for plug-ins or specialist software.

### 3D for the Layman. Issues and Perspectives

Daniel Pletinckx of VisDim introduced the technical aspects of 3D modelling and explained why 3D PDF had been chosen as the preferred end format for CARARE content. This is because it is the only format at present that is well established, multi-platform and can handle a wide variety of original formats for conversion into 3D PDF. Text also provides a content for the models. He then demonstrated some of the models prepared for CARARE and illustrated the built-in features of 3D-PDF such as links to specific parts of the models, different views and ways to navigate the model.

### The Case Study of the Greek-Roman Theatre at Pafos, Cyprus

Paola Ronzino who was going to present this case study was unable to attend the Conference due to illness. Fortunately, Daniel Pletinckx was very familiar with this as he had advised



STARC on how to create the 3D-PDFs so he was able to stand in and give this talk, on the basis of the PPT that he received from Paola and her co-authors.

The Pafos (Paphos) Greek-Roman Theatre case study describes the methodology adopted by STARC for the publication on the web and harvesting by Europeana of the virtual reconstruction of the Hellenistic-Roman Theatre of Pafos (Cyprus). The information and digital resources (pictures, 3D models, maps, texts) used for the virtual reconstruction of the different phases of the Pafos Theatre are documented through the STARC metadata schema, which relies on the LIDO and CARARE schemas and are all made available in Europeana. The link from Europeana goes to a dedicated website where the user can view the Theatre in a variety of ways: through photographic images, as a 3D model via Google Earth (geo-location), as an architectural layout, as photorealistic images, 3D rendered models and interactive 3D models, video and augmented reality.

### **The Pompeii Civil Forum 3D model. Survey, modeling, metadata creation, integration and publishing through CARARE**



Maria Emilia Masci (SNS) and Sebastiano Ercoli (PoliMi) presented the work carried out by SNS in collaboration with PoliMi on the 3D models of the Civil Forum at Pompeii that they realized for the Superintendency of Pompeii in 1999.

The presentation illustrated the main features of the pre-existing 3D complex model, composed by many smaller 3D models, each illustrating a building and its smaller architectural parts. This model was realized mainly for scientific purposes and for conservation.

With the CARARE project it was decided to re-use the 3D model for a broader public and to publish it on the web. The presentation explained in detail how the 3D model was prepared for the ingestion into 3D PDF documents, how texts and images to be included into the 3D PDF were selected, and the whole process which led to the creation of 3D PDF documents was described.

Moreover, the presentation also explained the workflow which led to the publication of such content on Europeana through CARARE, starting from the publication of the PDF documents on the website of the Pompeii project (<http://pompei.sns.it>), following with the mapping of metadata according to the CARARE metadata schema using MINT, until the publication of metadata on MORE (the CARARE metadata repository) and ending with the harvesting from Europeana portal.

## **4.4 Polish National Dissemination Workshop Report**

Author: Agnieszka Oniszcuk, National Heritage Board of Poland (Narodowy Instytut Dziedzictwa).

### **Introduction**

The CARARE dissemination workshops in Poland were divided in two parts, each of them is reported separately.

Part 1: In Sept. 7<sup>th</sup> -9<sup>th</sup> 2012 Archaeology Department held a workshop for Archaeology Inspectors from Voivodeship Monuments Protection Offices, where we presented outcomes of the CARARE project for the NHBoP.

Part 2: In Dec. 12<sup>th</sup> – 13<sup>th</sup> 2012 the National Heritage Board of Poland (NHBoP) celebrated its 50<sup>th</sup> anniversary during a two-day conference. During the event speakers from different outer parties with whom we co-operate talked about larger projects and initiatives the National Heritage Board participates in.

### **Part 1: Meeting with Archaeology Inspectors from the Monuments Protection Offices**

#### **Identification**

“Meeting with Archaeology Inspectors”, NHBoP’s regional office, Trzebiny , Wielkopolskie Voivodeship, Sept. 7<sup>th</sup> – 9<sup>th</sup> 2012.

#### **Workshop marketing**

The target audience was archaeology Inspectors from the Voivodeship Monuments Protection Offices (16 provincial and their 35 regional delegacies). The inspectors have everyday contact with all the archaeologists working in the field and other experts (geophysics, dating and analysis). Monuments Protection Offices have vast archives in their disposal, mostly undigitised, but some have already started digitisation projects (e.g. GIS databases).

The channels of promotion used were email lists, formal invitations sent to Voivodeship Monuments Protection Officers and our website ( [www.zabytek.pl](http://www.zabytek.pl) ).

#### **The hosting event**

The meeting with archaeology Inspectors was organised by the Archaeology Department of the NHBoP. During a three-day meeting, we discussed most current issues related to the protection of archaeological heritage in Poland, among which we addressed the need for and benefits of heritage digitisation. We talked about the INSPIRE directive and the CARARE project. Other presentation included problems of protection and documentation of registered monuments, motorway archaeology, urban archaeology, problems of long-term storage of archaeological finds, legal issues related to archaeological monuments and objects and various aspects of biological analysis of

archaeological remains. Eighty people (Archaeology Inspectors, Voivodeship Monuments Protection Officers) took part in the meeting.

## The Workshop

Fifty people (Archaeology Inspectors, Voivodeship Monuments Protection Officers) attended the CARARE presentation.

The CARARE presentation included an overview of the project. We talked about the benefits of CARARE - our internet portal being one of the major ones. We also presented the variety of our collections and the workshop was one of the first opportunities to inform the archaeological community that 3D and photogrammetric documentation of several registered sites is available online. We offered the possibility to provide content for Europeana via our portal. We briefly described the process of metadata ingestion and harvesting and finished by describing rules of cooperation with Europeana (the DEA and IPR issues) as the free public access to data is often seen as a threat to cultural (mainly archaeological) heritage.

Subsequent follow-up and contacts: after the meeting, answering the needs of the community, the NHBoP started an internet forum for Archaeology Inspectors containing our CARARE presentation as well.

Information about the meeting appeared on the NHBoP website:

<http://www.nid.pl/idm.146.idn.2770.spotkanie-inspektorow-ds-archeologii-w-trzebinach.html> and the website of the Monuments Protection Office in Lubuskie Voivodeship: <http://www.lwkz.pl/item/show/id/872>.



*Attendees of the workshop, discussion.*



## Part 2: 50 Years Of Mission – the anniversary conference

“50 Years Of Mission” – NHBoP’s anniversary Conference, Warsaw, Dec. 12<sup>th</sup> – 13<sup>th</sup> 2012.

### Workshop Marketing

The target audience for the anniversary conference was heritage experts from Poland and abroad – researchers, restorers, managers of heritage sites and institutions, representatives of various agencies and councils cooperating with our organisation.

The channels of promotion used were (the workshop promoted as part of the conference): email lists, formal invitations, our website ( [www.zabytek.pl](http://www.zabytek.pl) ) and Facebook ( [www.facebook.com/zabytek](http://www.facebook.com/zabytek) ), online edition of one of our periodicals “Spotkania z Zabytkami”/”Encounters with Monuments” ( <http://www.spotkania-z-zabytkami.pl/aktualnosci/2/119> )

### The hosting event

The anniversary conference was opened by Paulina Florjanowicz - the Director of the National Heritage Board of Poland, who stressed the fact that the activities of the NHBP are addressed to multiple audiences, and not only professionals.



*Opening speech of the Secretary of State in Ministry of Culture and National Heritage, Piotr Żuchowski.*

As an organisation, the NHBoP wants not only to show how to protect monuments, but also what to do it for. The inauguration was also attended by the Secretary of State in the Ministry of Culture and National Heritage, Piotr Żuchowski. Experts from abroad in their lectures emphasized the advantages of multilevel cooperation with the National Heritage Board of Poland, which adapts to the Polish context standards used in other countries. It is a two-way communication because, as pointed out by foreign visitors, they also implement our best practices in their institutions. An important example of cooperation at the national level was the NHBoP’s co-operation with local authorities, illustrated by an example of Żyrardów. The result of common effort was a recognition of a 19<sup>th</sup> century Factory Settlement in Żyrardów as a Monument of History by the President of Poland in 2012.

On the second day of the conference, digitisation issues such as INSPIRE directive, Europeana and CARARE were discussed. The NHBoP also announced the launch of the National Heritage Institute mobile application, including digitised heritage content provided to Europeana via CARARE.



Two hundred and sixty people attended the conference, among them: Piotr Żuchowski - Secretary of State in Ministry of Culture and National Heritage, Katalin Wollák - president of Europæ Archaeologiae Consilium, Christopher Young - Head of International Advice English Heritage, Dr Noel Fojut - Head of Policy (Liaison and Sponsorship), Historic Scotland, Brigitte Myle - Flanders Heritage Agency.

## The Workshop

About 150 persons attended day two of the conference and the workshop presentations (heritage experts from Poland and abroad). David Smith from the Europeana Foundation presented its past, present and plans for the future, showing a political vision behind the creation of Europeana, a strategic plan for upcoming years, several projects going on at the moment and rules of cooperation for prospective data providers.

Kate Fernie from MDR Partners, presented an overview of the CARARE project, emphasising its outcome and possible use of the results.

Feedback from participants: Discussion after presentations on Europeana, CARARE, INSPIRE and our mobile application concentrated on the value of real monuments vs. their digital counterparts. All speakers emphasised that digitisation and online access to monuments does not discourage people from visiting real sites and monuments. On the contrary, market research shows that good quality online presentation boosts culture tourism.

Information about the event appeared on our website <http://www.nid.pl/idm,146,idn,3023,narodowy-instytut-dziedzictwa-swietuje-50-lat-dzialalnosci.html>

and Facebook profile in *Gazeta Wyborcza* – the most popular daily in Poland:

[http://wiadomosci.gazeta.pl/wiadomosci/1,114877,13036588,Narodowy\\_Institut\\_Dziedzictwa\\_obchodzi\\_50\\_lat\\_dzialalnosci.html](http://wiadomosci.gazeta.pl/wiadomosci/1,114877,13036588,Narodowy_Institut_Dziedzictwa_obchodzi_50_lat_dzialalnosci.html)

on *Platforma Kultury* - culture information website:

<http://www.platformakultury.pl/artykuly/119304-narodowy-instytut-dziedzictwa-swietuje-50-lat-dzialalnosci-warszawa.html> .



*Arkadiusz Kołodziej and Agnieszka Oniszczyk from the NHBOP's CARARE team and Kate Fernie, CARARE project manager.*

## 4.5 CAAI National Dissemination Workshop Report for Spain

### Identification

Alberto Sánchez, Arturo Ruiz, Ana Martínez and Francisco Gómez. University Institute for Iberian Archaeology (CAAI). University of Jaén.

Title: **Archaeological Heritage in Europeana**

University Institute for Iberian Archaeology (CAAI)

Campus Universitario. Building C-6. 23071. Jaén, Spain.

Jaén 24th September 2012

### Workshop Marketing

The workshop was marketed before the event through the Press office of the University of Jaén and e-mail list.

The target audience was archaeologists, experts in libraries and archives, computer and graphics design, heritage managers.

### The Workshop Programme

The workshop consisted of 6 presentations followed by question and answer sessions and lasted 3 hours and 30 minutes The programme was as follows:

- Introduction. Alberto Sánchez. *European Project CARARE*. (CAAI, Spain).
- Ana Martínez, Arturo Ruiz, Alberto Sánchez. Francisco Gómez. *The culture of the Iberians in Europeana*. (CAAI, Spain).
- Daniel Plentickx. *3D contents in Europeana*. (Visual Dimension bvba, Belgium)
- María Luisa Martínez-Conde. *The digital library Hispania and Europeana*. (Libraries General Coordination Office, Ministry of Education, Culture and Sport, Spain)
- Paola Ronzino. STARC's archaeological collections in Europeana. (STARC, Cyprus)
- Valle Muñoz Cruz. *The Andalusian Historical Heritage and its future in Europeana*. (IAPH, Andalusian Institute for Historical Heritage, Spain)
- Discussion and final questions.



*Alberto Sánchez and Arturo Ruiz. Welcome and introduction presentation*

## Attendees

Around 20 people attended the workshop. Along with the guests speakers other notable attendees were:

- Francisca Hornos. Director of the Archaeological Provincial Museum of Jaén.
- Francisco Feito. Department of Computing. Area of Computer Languages and Systems. University of Jaén
- José Valderrama. Department of Graphic Engineering, Design and Projects
- Sebastian Jarillo, Director of the Library of the University of Jaén
- Trinidad Alonso, Subdirector of the Library of the University of Jaén
- Miguel Ángel Aragón and Francisco Durán. Andalusian Foundation for the Image, Color and Optic (FAICO). Area of 3D technologies. Sevilla.

## Format and topics discussed, feedback from participants

The aim of the workshop followed the guideline of CARARE, that is, to promote the CARARE project results to encourage other archaeological institutions with digital content to make it available through Europeana. To that end we put together three types of institutions:

- Members of CARARE (CAAI, STARC and BVBA)
- Institution ingesting data in European which had not been member of CARARE (Ministry of Education, Culture and Sport)
- Institution with large amount of archaeological and architectural data interested in making them available through Europeana (IAPH)

The second aim was to promote the transferring of 3D models to Europeana. To this purpose, the presentations of CAAI, STARC and specially BVBA were very clear.

The interest of the participants was focus on two topics:

- Sustainability of CARARE
- IPR

Sustainability. Daniel Plentickx explained different option under consideration to sustain CARARE as an aggregation service or to continue ingesting archaeological-architectural information in Europeana (3D-Icons project).

Concerning IPR, the institutions are worried about the cession of rights to Europeana. The feeling was that most of museums and libraries don't understand the concept of metadata and its transferring to Europeana.

### **The workshop in the media (conventional and on-line)**

Newspaper Jaén. 25-9-2012



Diario Digital Universidad de Jaén <http://diariodigital.ujaen.es/node/32465>

Europa Press <http://www.europapress.es/epsocial/noticia-instituto-arqueologia-iberica-uja-nutre-informacion-iberos-biblioteca-digital-europea-20120924191308.html>

Terra <http://noticias.terra.es/espana/comunidades-autonomas/andalucia/el-instituto-de-arqueologia-iberica-de-la-uja-nutre-de-informacion-de-los-iberos-la-biblioteca-digital-europea.0ee118ca249f9310VgnVCM4000009bcceb0aRCRD.htm>

Linares28 <http://www.linares28.es/2012/09/24/el-instituto-universitario-de-arqueologia-iberica-de-la-uja-nutre-de-informacion-sobre-los-iberos-a-la-biblioteca-digital-europea/>

Universidades de España <http://xn--universidadesespaa-30b.com/2012/09/24/el-instituto-universitario-de-arqueologia-iberica-nutre-de-informacion-sobre-los-iberos-a-la-biblioteca-digital-europe/>



Noticias.com <http://www.noticias.com/el-instituto-de-arqueologia-iberica-de-la-uja-nutre-de-informacion-de-los-iberos-la-biblio.1855189>



*Ana Martínez (CAAI)*



*Valle Muñoz Cruz (IAPH)*



*Daniel Plentickx (VisDim)*



*Debate questions*



*María Luisa Martínez-Conde (Ministry of Education, Culture and Sport)*



*Paola Ronzino (STARC)*

## 4.6 Year 3 Dissemination Workshop Report – Swedish National Heritage Board

Author: Johan Carlström, Swedish National Heritage Board

### Introduction

The workshop was about the use of digital databases in archaeology arranged by CAA-SE (Computer Applications and Quantitative Methods in Archaeology – Sweden). It was held on the 3<sup>rd</sup> October 2012 at the Swedish National Heritage Boards premises in Stockholm, Sweden from 09:30 to 16:00 and the presentation about CARARE took about 45 minutes. CAA-SE arranges a conference every two year and the holds a workshop on the alternative year (like this one).



The workshop was attended by 34 people from the Sweden and Norway. Swedish National Heritage Board, Universities, county administrative boards, museums and national archives.

### Workshop Marketing

The target audience was members of CAA (national and international), people working with archaeology and databases at agencies, museums and universities. A variety of channels was used to advertise the

workshop as follows:

- Own blog
- The CAA-SE website
- Email lists
- LinkedIn
- Social networks (Facebook, Twitter, Google+).

### Workshop Format

A “roundtable” format was used with questions and discussion during and after the presentations. The presentations dealt with topics such as:

- DAP – the aim with the project is to ensure that the processes that constitute archaeological practice in Sweden are seamlessly digital from end to end.
- The development of a new version of the monuments database at the Swedish National Heritage Board.
- Current archaeology projects (Birka, SEAD, Intrtasis)

- The digital field documentation at Norwegian museums.
- Digital archives for archaeology in Östergötland, Sweden.
- INSPIRE
- ARCHES - Archaeological Resources in Culture Heritage. A European Standard
- CARARE - given by Johan Carlström who covered Europeana, CARARE, SOCH, Linked Open Data and Wikipedia.

## Feedback from participants



The following questions were asked by the audience:

Johan showed a slide with the Linked Open Data cloud and received a question about the lack of research databases, how representative can it be?

Answer: Maybe the image isn't showing the complete picture. Maybe the research databases are more like silos with poor or none connection with other data.

Question about auth files and URIs. Can it really be an auth if there are several with their own URI's?

Answer: Because many actors are using and makes their own auth lists available it is not possible to use only one auth list. We should instead link them together with "sameAs" relations between resources.

Johan received some positive comments about the presentation afterwards.



## 4.7 #HACK4DK

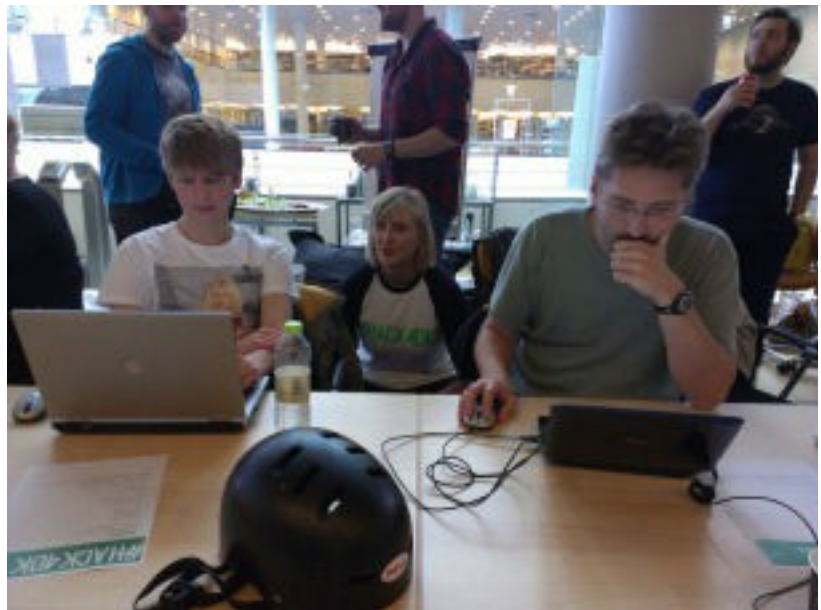


On October 5-6 the National Museum, the Royal Library, the National Archives and the Danish Agency for Culture (KUAS) co-hosted Denmark's first cultural heritage Hackathon. Inspired by Europeana's Hack4Europe events, it was called #Hack4dk.

A hackathon is an event where programmers, designers and others, who work with software development, meet to jointly build new mobile or web apps using selected data sources. They work

intensively in small groups for a day or two and the goal is to present a prototype at the end of the hackathon.

Despite the name there was nothing illegal going on! On the contrary, the event was a celebration of the fact that it is now possible to access and reuse cultural data from the host organisations who had made their content databases available. The Agency for Culture provided data from the local OAI-PMH repositories which have been established as part of the CARARE project and which contain millions of records about historical sites and monuments from all over Denmark.



About 25 developers and 20 'hangarounds' (organisers, journalists, etc.) participated in the event with great enthusiasm and concentration. Some 13 projects got underway, ten of which got finished, and Hack4DK ended with a presentation of the results and a vote among the participants to select a winner of the Hackathon.





The winning project was created by CodeUnited, (aka Maksim Sorokin and Kostas Rutkauskas), who built an Android application that shows protected buildings using augmented reality. The app was based on data from the Danish Agency of Culture. After the event, Maksim and Kostas finished the application and published it on Google Play – you can find it here: [www.codeunited.dk/kulturarv](http://www.codeunited.dk/kulturarv).

In the words of the organisers:

The real winners, of course, were the cultural heritage institutions involved by seeing their data put to great use. It is no fun to offer free, accessible data if nobody knows about it. What was really great about the event was that it got the attention of the primary target group – the developers – the ones we want to use our data. We got some great ideas on how to engage other user groups, and we demonstrated the value of open data and also the power of Twitter which was the primary social networking channel used to advertise the Hackathon to the potential participants.

... Let's do it again next year.

## 4.8 CARARE National Dissemination Workshop, Estonia

Author: Indrek Eensaar

### Introduction

The Estonian Ministry of Culture (EVKM) organised a National Dissemination Workshop for the CARARE Project in Tallinn on the 18<sup>th</sup> October 2012. The event was aimed at experts of tangible heritage and invitations were sent via different email lists held by the Ministry and by advertising the Workshop at other related meetings organised by EVKM.

### The Programme

Indrek Eensaar, Estonian Ministry of Culture – Introduction of CARARE project



Andres Uueni, Conservation Centre “Kanut” – 3 presentations:

1. Sustainable Management of Historic Rural Churches in the Baltic Sea Region (3D modelling);
2. 3D in documenting
3. Cultural heritage data and Europeana

Urmas Jüriorg, Tallinn Technical University,  
Modelling reality – CAD





Urve Russow, National Heritage Board of Estonia, Estonian National Registry of Cultural Monuments and CARARE. Data quality – Live demonstration and discussion.

## Content and feedback

The Workshop focussed on 3D content generated through the CARARE Project and the methodology used to generate the models supplied to Europeana.

The participants were interested in receiving more information about 3D digitization in the future.

## 4.9 NPU Year 3 Dissemination Workshop Report

Author: Irena Blažková

### Project CARARE and Information Systems of Heritage Preservation

NPU's Year 3 Dissemination Workshop entitled "Project CARARE and Information Systems of Heritage Preservation" was held at the National Technical Museum, Prague, Czech Republic. The workshop was organized by the National Heritage Institute in co-operation with the National Technical Museum and held on the 25th October 2012.

#### Workshop marketing

The target audience for the workshop was workers in the field of conservation, government offices, professional schools and institutions, civil society organizations and the public interested in the preservation of monuments. The channels used to market the workshop was the CARARE and NPU websites, direct e-mails to Regional Offices and some selected institutions and a written invitation to the Ministry of Culture. (See <http://www.npu.cz/>, <http://ntm.cz/en>).

#### The Workshop program

The theme of the workshop was presentation of the results of an international project CARARE, supported by the European Commission, as well as introduction to information systems of monument preservation. The aim of the CARARE project is to provide data from the information system of the National Heritage Institute (NPÚ) in the European web portal Europeana. The Integrated Information System of the National Heritage Institute currently consists of interlinked databases of cultural monuments and protected areas, conservation documentation funds and a geographic information system. Its public part is available on the internet. The information systems of the NPÚ experienced relatively rapid development recently, both in the applications themselves, and in their fulfilling with data. The aim of the workshop was therefore to contribute to a broader understanding of these systems and the possibilities of their use in research, registration, documentation and protection of monuments. The benefits of the project CARARE for the development of the information systems were emphasized and the practical use of the portal Europeana was approached. Experience with information systems in Monuments Board of the Slovak Republic was very interesting as both the countries are still very close.

#### Programme

9.30 to 10.00 attendance, snacks

10.00 to 10.10 Opening - Ing. arch. Naděžda Goryczková, CEO NPÚ, Ing. arch. Vera Kučová, Deputy of the Monument Care NPÚ

10.10 to 10.30 Ing. Peter Volfík: Integrated Information System of Monument Preservation (IISPP)

10.30 to 10.50 Ing. Irena Blažková: Project CARARE



10.50 to 11.10 RNDr. Luboslav Škoviera, Monuments Board of the Slovak Republic: Project CARARE and information systems of the Monuments Board of the Slovak Republic

11.10 to 11.30 Ing. arch. Alexandra Křížová, Mgr. Mariana Pisarčíková: Information system for the management of the Central List of Cultural Heritage

11.30 to 12.00 discussion

12.00 to 13.00 break – lunch

13.00 to 13.20 Ing. arch. Jiří Syrový: Digital documentation store - Meta-information system (MIS)

13.20 to 13.40 Ing. arch. Zuzana Syrová: Heritage geographic information system (PaGIS)

13.40 to 14.00 Mgr. Alena Knechtová: Information system on archaeological data (ISAD) and the data of the State Archaeological list of the Czech Republic (CR SAS)

14.00 to 14.20 PhDr. Pavel Hájek: Documentation funds database of the NPÚ Tritius

14.20 to 14.50 discussion, conclusion

## Audience

56 participants from regional and municipal offices, professional schools and institutions, from the National Heritage Institute and firms, too.



*Opening - Ing. arch. Naděžda Goryczková, CEO*

*Handmade gingerbreads, part of refreshment -  
Foto: Jan Sommer*



## Subsequent follow-up

Flyers were distributed at the workshop and at the 13th Conference “Archives, Libraries, Museums in the Digital World” in Prague on 28th November 2012. Flyers and all presentations are available on the NPU website: <http://www.npu.cz/news/10661-n/>.

## Feedback from participants

Presentations were followed by a lively discussion and contacts were established with institutions dealing with similar issues.

## 4.10 National Workshop, Cyprus

Authors: Sorin Hermon and Paola Ronzino.

### Introduction

The CARARE National Workshop in Cyprus was organised by STARC and entitled “3D in archaeology, publication and communication to the public”.

The event was held at The Cyprus Institute, Guy Ourisson Building, Athalassa Campus, Nicosia, Cyprus.

### Workshop marketing

The workshop was aimed at professionals from archaeological institutions, cultural foundations, museums and elementary school teachers. The workshop was advertised through the Institute website: <http://www.cyi.ac.cy> and the Cyprus Institute group on Facebook. Direct invitations were sent through emails to cultural institutions and museums. CARARE handouts in English were provided at the workshop

### Programme

10:00-10:30 **CARARE Project Overview**

*Kate Fernie, MDR Partners, UK*

10:30-11:00 **STARC contribution for Cyprus**

*Sorin Hermon- STARC*

11:00-11:30 **STARC role and content in CARARE**

*Paola Ronzino and Uros Damnjanovic - STARC*

11:30-12:00 Coffee break

12:00-12:30 **Wiki Loves Monuments**

*Kyprianos Kountouris (Head Teacher of Pyrga Primary School)*

12:30-13:00 **Natural Language Processing (NLP) for ontology population in the Cultural Heritage domain.**

*Maria Pia di Buono (Department of Political, Social and Communication Sciences, University of Salerno)*

13:00-14:00 Lunch

### Audience

Fifteen people attended the workshop. Beside our guest speakers, the audience was composed by STARC staff and professionals from cultural institutions and museums.

## Workshop Content and Topics discussed

The aim of the workshop was to give an overview of the CARARE project and to present the results of the activities carried out by STARC, focusing on their publication on Europeana portal and giving big emphasis to the impact that CARARE activities had on the Cypriot society.



*Prof. Sorin Hermon*



*Project Manager, Kate Fernie*

After a brief introduction of the workshop by Prof. Sorin Hermon, the Project Manager, Kate Fernie, presented the CARARE project and the activities, focusing on the tools used by the partners for aggregating the content making it available through Europeana.

STARC content is composed of 2D and 3D digital resources about archaeological sites and museum objects. Prof. Hermon (left) presented some of the archaeological sites (Hala Sultan Tekke, Agios Georgios Hill, Paphos Theatre) where we carried out our research, describing the datasets we decided to share with the Europeana community.



Paola Ronzino (left) presented the role that STARC had within the project and all the activities carried out for the preparation of the content to deliver to Europeana, from content selection, metadata preparation to the mapping from the native schema and the transformation into CARARE schema. Uros Damnjanovic continued the presentation describing the digital repository built at STARC to store our content, and how to access and share it with the Europeana users.





An important topic addressed during the workshop was the impact that the activities carried out in the framework of CARARE project and the dissemination of the results had on the Cypriot society. Father Kyprianos Kountouris (left), head teacher of Pyrga Primary School, presented the activity of digitization of cultural heritage that was carried out by a group of students and teachers of the elementary school of the village of Pyrga, with the support of the STARC team. Inspired by the technologies adopted at STARC for digitizing the architectural heritage and for its

visualization, the teachers decided to adopt the 3D visualization (using 3D PDF) as a tool to transfer knowledge to students, not only to spark their interest, but also to encourage them to explore a subject more thoroughly.

This approach inspired children to develop a deeper understanding about a monument, resulting in their active participation in the digitization of the Agia Marina church, with the creation of a 3D model of the church which was embedded in a 3D-PDF for its visualization. At the end of the activity a questionnaire was submitted to the students, which allowed us to analyse their perceptions about a Heritage Assets.

A more technical presentation concluded the workshop with an introduction to the Natural Language Processing for ontology population in the Cultural Heritage domain, presented by a researcher of the University of Salerno, Maria Pia di Buono.

## Feedback and Follow-up

The different topics discussed during the workshop, ranging from more general to very technical arguments, were well received by the audience creating interest and active discussions.

Interest in continuing the digitization activities in collaboration with the STARC team has been expressed by the head teacher of the elementary school of Pyrga. This collaboration could produce additional 3D content that could be shared with a larger community through Europeana. “Pyrga loves monuments” activity was then presented at the CARARE Final Conference in Copenhagen by Paola Ronzino, generating great interest among the audience .

Moreover, the activities carried out in the framework of CARARE project and the dissemination of the results, created awareness about Europeana within the museums and received a positive feedback from the Cypriot community. Indeed, the teachers of Pyrga elementary school decided to introduce the 3D in the curriculum of the school.

The digitization and presentation of the heritage assets, especially as three dimensional digital objects, created a strong interest about the national heritage, stimulating the creation of new knowledge with the involvement of the local community.

#### 4.11 CARARE Workshop Romania

Author: Dan Matei

On 4th of December 2012, National Heritage Institute (the Romanian partner in the CARARE project) organised a national CARARE workshop. It was hosted in the library of the National Institute (between 10:00 and 16:00) and was attended by 32 professionals (from Bucharest and other major cities).

The initial plan was to divide the day in three main sections:

- Europeana and Romanian participations in related projects;
- CARARE: outcomes and lessons learned;
- Round table: the Romanian involvement in Europeana in the near future.

In practice, each presentation was followed by the long and lively discussions, so the planned round table was focused on a few technical developments and on the Ministry of Culture's involvement.

The first part included the presentations:

Dan Matei (National Heritage Institute). "*Europeana*: prezentare generală" [*Europeana*: overview];

Irina Oberländer-Târnoveanu (National Heritage Institute). "ATHENA: patrimoniul mobil în *Europeana*" [ATHENA the movable heritage in *Europeana*];

Ica Moşoiu (Cluj County Library). "*Europeana Local*: experienţa românească" [*Europeana Local*: the Romanian experience].

In this section *Europeana* was presented in some detail (not all the participants were familiar with it) and the Romanian experience in the ATHENA and EuropeanaLocal was discussed.

The second part was devoted to the CARARE project. The presentation were:

Dan Matei (National Heritage Institute). "CARARE: Prezentare generală şi aspectele tehnice" [CARARE: overview and technical aspects]



Bogdan Șandric (National Heritage Institute). "Situri arheologice în CARARE" [Archaeological Sites in CARARE];

Andrei Cipu (Wikipedia Romania). "Crowdsourcing în *Europeana*: WikiLovesMonuments"

In this part of the workshop the CARARE project was presented in detail, including the technical problems and solutions, as well as the INP contributions. A long discussion about the metadata curation followed. Then the special problems presented by the exposure of the archaeological sites in Europeana (via CARARE) were discussed at length. Finally, the user-generated content for Europeana was addressed, using the delivering to Europeana (via CARARE) of the images attending the WikiLovesMonuments 2011 contest. An interesting debate followed.

The final section — introduced by a presentation by Dan Matei — was devoted to the future development of the Romanian portal associated with Europeana and to the involvement of the Ministry of Culture in the digitisation and the flourishing of digital libraries.

Miss Corina Panaitopol (the head of the European Affaires in the Ministry of Culture and National Heritage) exposed the Ministry's plans for the future and discussed them with the audience. Several suggestions were appreciated.

The workshop was considered (by the less shy participants) as a very interesting one and we consider it a dissemination success.





## 4.12 CARARE Dissemination Workshop, Iceland

Author: Sólborg Una Pálsdóttir

### Introduction

The Icelandic Dissemination Workshop for CARARE was organised by the Archaeological Heritage Agency of Iceland and the National Architectural Heritage Board at the Hótel Plaza, Aðalstræti 4, Reykjavík on the 5<sup>th</sup> November 2012. The Workshop was entitled “Communication and culture. Cultural heritage in three dimensions.” and ran from 09:30 to 15:30.

### Advertising the Workshop



The Workshop was aimed at archaeologists, people in the Heritage Management sector and technicians (especially those interested in 3D).

The following channels were used:

[http://www.fornleifavernd.is/index.php/en/upplýsingar/frettir/item/73-menning\\_midlun](http://www.fornleifavernd.is/index.php/en/upplýsingar/frettir/item/73-menning_midlun)

<http://www.husafriðun.is/starfsemi/frettir/nr/1060>

Social networks: <http://www.facebook.com/pages/Fornleifavernd-r%C3%ADkisins/285351668158974?ref=stream>

Email lists: Gammabrekka, Félag fornleifafræðinga, Safnalisti.



Speakers included employees of the Archaeological Heritage Agency of Iceland, the National Museum of Iceland, Reykjavík Walk, as well as independent designers, film makers and archaeologists.

## Content of the Workshop

The Workshop covered an introduction to Europeana and the CARARE project and included the topic of 3D in archaeology and CARARE.

The Programme was structured as follows:

9:30 to 10:00 Registration and coffee

10:00 to 10:10 Huld Kristin Sigurdardottir, Director of the Archaeological Heritage Agency, welcomes guests

10:10 to 10:30 Sólborg Una Pálsdóttir, Department Manager, Registration, Archaeological Heritage Agency, and Karl Emil Karlsson, computer science student: “Carare - the Contribution of Iceland”

10:30 to 11:00 Daniel Pletinckx, “3D in Europe, Today and Tomorrow”

11:00 to 11:30 Discussion

11:30 to 13:00 Lunch break

13:00 to 13:10 Gudmundur Olafsson, Head Archaeologist at the National Museum of Iceland: “A cubic measurement - archaeology in Surtshellí”

13:10 to 13:30 Vala Gunnarsdóttir archaeologist: “Three-dimensional drawing of the hypothetical monastery houses at Skriðuklaustur”

13:30 to 13:50 Oscar G. Sveinbjörnsson, geographer and archaeologist: “What we want to register in the database? Speculation about objects and wrecking models.

13:50 to 14:20 Coffee

14:20 to 14:40 Páll Heimir Pálsson, designer and consultant: “Three-dimensional Buildings in Sketchup”



At. 14:40 to 15:00 Snævar Már Jónsson, filmmaker: “Reykjavik Walk - the first step of digitising preservation”

15:00 to 15:30 Discussion and close.

Following the conference, Daniel Pletinckx conducted a workshops for three-dimensional data, methodology and standardization. The course was held at Reykjavik Museum, Tuesday 6th November from 10.00 to 16:00.

## Attendance and feedback



The workshop was attended by between sixty to seventy people from various organisations, for example: museums, the government ministry, architectural and archaeological companies, technical and media companies.

The format took that of a traditional lecture with an open discussions after each talk. The main topics covered were:

- Our experience of CARARE/Europeana
- Exploitation and potential in the future
- The possibilities for increased use of three-dimensional technology in archaeology and architecture in Iceland, both as a scientific tool and media for the public.

- Daniël Pletinckx introduced CARARE approach to 3D in Europeana.



The feedback was very positive and AHAI anticipate further developments related to their work in CARARE in CH organisations in Iceland.

### 4.13 VUFC Year 3 Dissemination Workshop Report for Lithuania

Author: Ingrida Vosyliūtė (Vilnius University Faculty of Communication)

#### Introduction

The 3rd National Conference of Digital Humanities “Skaitmeninė atmintis virtualioje erdvėje: projektų patirtys ir perspektyvos” (SAVE 2012) [“Digital memory in virtual space: projects' experiences and outlooks”] was organized by Vilnius University Faculty of Communication (VUFC) & Vilnius University Library (VUL) with a special focus on CARARE project for this event. The workshop was held at the old campus of Vilnius University in the Senate Hall on the 17th of December, 2012.

#### Workshop Marketing

The target audience was a wide range of specialists and professionals working in different fields of Humanities (linguists, archaeologists, historians, ethnologists, information management specialists, content holders, content providers, librarians, researchers, digitization technicians, etc. along with some students). The channels used to promote the workshop were as follows:

- CARARE website,
- VUFC website (<http://www.kf.vu.lt/lt/news/view/?id=4531>),
- VUL website (<http://www.mb.vu.lt/2265>), (As shown above)
- VU news feed (<http://naujienos.vu.lt/ivykiai/konferencijos/25857-konferencija-apie-skaitmenin-atmint-virtualioje-erdvje>),
- ARUODAI Facebook site,
- Email lists.

#### The Hosting Event

The 3rd National Conference of Digital Humanities (*SAVE 2012*) hosted by Vilnius University (VU Faculty of Communication & VU Library) was mostly dedicated to various international and national digitization projects and their results. However, its remit covers a wide range of topics connected with digital activity in the Humanities. It was a very successful event, which attracted a wide and highly motivated audience from the Lithuanian national community of Digital Humanities. Over the years, the conference has become one of the most important annual national events in Lithuania and was ideally suited for hosting the CARARE National Workshop.

## Number of participants, type of organizations



More than 100 people registered for the event, but the actual number of attendees was about 80. The attendees came from various types of national institutions and organizations, such as universities, museums, libraries, archives, private institutions, etc. The conference also attracted separate specialists and professionals in this field, as well as a few students.

## The Programme

### KONFERENCIJOS PROGRAMA

**8:30 – 8:55** Dalyvių registracija

**8:55 – 9:00** J. Kuprienė (Vilniaus universiteto biblioteka), doc. dr. R. Laužikas (Vilniaus universiteto Komunikacijos fakultetas)

Konferencijos atidarymas ir sveikinimo žodis

**9:00 – 9:30** I. Vosyliūtė (Vilniaus universiteto Komunikacijos fakultetas)

“Lietuvos archeologija Europeanoje: CARARE projekto patirtis”

**9:30 – 10:00** N. Klingaitė-Dasevičienė (Vilniaus universiteto biblioteka)

”Skaitmeninės priežiūros specialistų kvalifikacijos tobulinimas Europoje (DigCurV): VU bibliotekos patirtis”

**10:00 – 10:30** D. Mukienė (Lietuvos dailės muziejus)

”Lietuvos dailės muziejaus dalyvavimas tarptautiniuose kultūros paveldo objektų skaitmeninimo ir sklaidos projektuose 2010–2012 metais”

**10:30 – 11:00** Dr. R. Varnienė-Janssen (Lietuvos nacionalinė M. Mažvydo biblioteka)

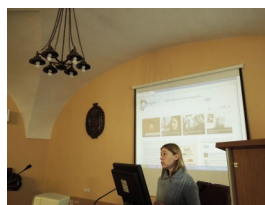
”Lietuvos kultūros paveldo vientiso skaitmeninto turinio kūrimas ir sklaida”

**11:00 – 11:30** Kavos pertraukėlė

- 11:30 – 12:00** Dr. A. Nakienė (Lietuvių literatūros ir tautosakos institutas)  
“Lietuviška muzika Europeanoje: archyviniai garso įrašai ir virtuali paroda”
- 12:00 – 12:30** Ž. Jančoras (Vilniaus universitetas)  
“Du projektai viename, arba kaip pagalbinę veiklą padaryti pagrindinė”
- 12:30 – 12:45** E. Malaiškienė (Vilniaus universiteto biblioteka)  
“Vilniaus universiteto bibliotekos rankraščiai Pasaulio skaitmeninėje bibliotekoje “
- 12:45 – 13:00** M. Kaminskas (Nacionalinis muziejus LDK valdovų rūmai)  
“Valdovų rūmų muziejaus rinkinių mokslinių tyrimų informacinė sistema”
- 13:00 – 14:00 *Pietūs*
- 14:00 – 14:30** V. Jucevičiūtė (Lietuvos centrinis valstybės archyvas)  
“Lietuvos dokumentinis kinas (e-kinas) internete”
- 14:30 – 15:00** M. Greičiuvienė (Lietuvos nacionalinis radijas ir televizija)  
“Aukso fondas LRT Mediatekoje”
- 15:00 – 15:30** Dr. M. Strockis (Vilniaus universiteto Filologijos fakultetas)  
“Thesaurus Latino-Lituanicus: universalus lotynų-lietuvių kalbų žodynas internete”
- 15:30 – 16:00** Diskusijos ir konferencijos uždarymas

## The CARARE Workshop

CARARE, as an important part of international digitization project activity, was presented in a wider context. The national situation was analysed and various international and national digitization projects were presented by different speakers. Overall, six international projects with Lithuania as one of the partners were presented. The conference provided a view of four EUROPEANA connected projects, such as CARARE (I. Vosyliūtė, VUFC), ATHENA, Linked Heritage, EuropeanaPhotography (D. Mukienė, Lithuanian Art Museum), EuropeanaConnect (Dr. A. Nakienė, The Institute of Lithuanian Literature and Folklore) and two other international projects, World Digital Library (E. Malaiškienė, VUL) and DigCurV (N. Klingaitė-Dasevičienė, VUL).







The presentation of national digitization activity covered projects working with audiovisual content, such as the digital archive of cinema (V. Jucevičiūtė, The Office of the Chief Archivist of Lithuania) and digital archive of TV & Radio programs (M. Greičiuvienė, The National Television and Radio of Lithuania), also archeological heritage (M. Kaminskas, National Museum – Palace of the Grand Dukes of Lithuania), as well as historical content and maps “Virtual Historical Lithuania: The Grand Duchy of Lithuania” (Ž. Jančoras, VU) and digital linguistic data “Lithuanian-Latin dictionary” (dr. M. Strockis, VU Faculty of Philology). The broad view of the national situation in the digital Humanities was summarized and presented by Dr. R. Varnienė-Janssen (Martynas Mažvydas National Library of Lithuania) and Dr. R. Laužikas (VUFC).

The CARARE presentation covered all important aspects of the project:

- its situation among other EUROPEANA projects,
- project's scope, duration, geographical coverage, partners' composition,
- project's aims and tasks,
- types of provided content,
- technical architecture, technical environment and tools,
- project's importance for Lithuania,
- Lithuania's experience as one of the project's partner,
- the thorough composition of the Lithuanian archeological collection with the most significant examples showed in EUROPEANA.

## **Feedback from participants**

The conference not only increased the awareness of various digitization projects, but also provided an opportunity for its participants to discuss significant questions and share their experiences. Informal discussions also continued during coffee breaks and after the conference. Overall the conference faced a major interest and received a very positive feedback from attendees this year. Vilnius University is planning to ensure its continuity and host the 4<sup>th</sup> National conference of Digital Humanities “SAVE” in 2013.

## **Subsequent follow-up and contacts**

Postcard sized leaflets with the information about CARARE, DigCurV, 3D-ICONS and ARUODAI projects were distributed at the conference.



#### **4.14 MRBC Year 3 Dissemination Workshop Report for Belgium**

Author: Ann Degraeve

##### **Event Details**

The CARARE Dissemination for Belgium was organized by the Direction des Monuments et des Sites, Ministère de la Région de Bruxelles-Capitale (MBRC) at the Royal Library of Belgium in Brussels on January 25, 2013.

##### **Workshop Marketing**

The target audience for the workshop was heritage professionals, namely workers in the field of archaeology, preservation and restoration of monuments and sites, government offices, regional and local heritage institutions, members from ICOMOS Belgium. The channels used to advertise the workshop were the Flemish archaeological news website (ArcheoNet Vlaanderen: <http://www.archeonet.be/?p=28868>), the ICOMOS Belgium news channel (invitation send to all members both from ICOMOS Wallonie-Bruxelles as from ICOMOS Vlaanderen), universities, and personalized invitations.

The participants received a file containing the program, the CARARE Fact sheet, a print of the various CARARE newsletters, an ICOMOS fact sheet, the ICOMOS publications *Thema & Collecta* 1 (World Heritage Problematics) and *Thema & Collecta* 2 (Heritage Documentation) and a number of the MRBC Heritage Direction Series “Bruxelles Patrimoines / Brussel Erfgoed”. Various hand-outs were also presented concerning the ATHENA and LinkedHeritage projects.

##### **The Workshop Programme**

The Workshop was introduced by the President of ICOMOS Wallonie-Bruxelles, Mr. Stéphane Demeter. He recalled the conference that was held in the Royal Library four years ago on Heritage Documentation. The proceedings of this conference together with other papers on digital documentation of cultural heritage (containing a paper by A. Degraeve on the CARARE project, and by the Spanish partner in the CARARE project, A. Martínez (CAAI-Jaén, Spain), on the 3D digitization of pottery) have been presented during this workshop: *Thema et Collecta* 2.

Figure: Stéphane Demeter (President of ICOMOS Wallonie-Bruxelles)



Figure: Anna van den Broek (Europeana)



The theme of the workshop was to present the results of the CARARE project, first from a general point of view with a demonstration of the data already visible in Europeana (examples used from the Netherlands – RCE, Lithuania – Vilnius Technical University, and Greece – Research Centre Athena) (A. Degraeve, MRBC), secondly with an overview of the data transferred by the MRBC (T. Verhofstadt, MRBC), going also into the technical aspects (Matthieu Collet, webmaster of *bien à vous*).

The project results were preceded by an introduction on Europeana and the various possibilities of using its data, *in casu* virtual exhibitions by Anna van den Broeck, marketing assistant at Europeana Foundation. This presentation included some beautiful examples (Art Deco, WWI, Sports, etc.) and gave the participants at the same time the technical specificities needed for making these virtual exhibitions.

The CARARE project results were followed by a presentation by Daniël Pletinckx on “3D as an Aspect of Innovation in Cultural Heritage”, including the various ways of handling 3D and heritage ((digital restoration, as a preparation of physical restration, to document, as an educational and communication tool, etc.), the integration of 3D in Europeana as an achievement of the CARARE project and the technical specificities of this integration.

The workshop ended with a contribution by Roxanne Wyna of the Royal Museums of Art and History on the various European digitisation projects where the Museums are currently partners, explaining at the same time the benefits of these projects for an institution but also showing the various technical problems one can encounter before and during a project.

## Programme

9.00-9.30 : Accueil / Onthaal

9.30 : Introduction / Inleiding : Stéphane DEMETER, président ICOMOS Wallonie-Bruxelles

9.45 : Anna VAN DEN BROEK (Europeana) – Virtual Exhibitions: From Idea to Implementation.

10.15 : Ann DEGRAEVE (DML/DMS) – Le projet CARARE, objectifs et résultats / Het CARARE project, objectieven en resultaten.

10.30 : Tom VERHOFSTADT (DML/DMS) – De implementatie van de databank irismonument.be in Europeana.

10.45 : Café / Koffie

11.00 : Matthieu COLLET (bien à vous) – L'approche technique de CARARE.

11.15 : Daniël PLETINCKX (Visual Dimension) – 3D as an aspect of innovation in cultural heritage.

11.45 : Roxanne WYNS (KMKG/MRAH) – Digitisation projects of the Royal Museums of Art and History. European projects as a facilitator of improved digital access.

12.15: Questions / Vragen

Number of participants: 33 from local heritage institutions, universities, government offices and museums.

## Feedback from the Participants

Most of the participants, even being heritage professionals, had never heard of Europeana. Some participants had done a detailed search on the Europeana website in preparation of this workshop and were astonished at the richness of documentation. The general remark is that it is still not a reflex to go first on Europeana to search for information on a subject; people will rather go first on Google. A lively and very positive discussion on the various possibilities of re-use of the data and the richness of Europeana has followed the workshop. Moreover, a technical discussion has started between the users of the MINT tool and on the use of 3Dpdf as a tool.



The feedback is absolutely positive: through the presentation of the CARARE project results, the Europeana website has got more attention. Some participants felt “boosted” by this workshop to work in a much more organized way paying attention to metadata and vocabularies. This workshop has been a fertile forum for possible future collaborations.

*Figure: The participants*



#### 4.15 HMC-DNAM Year 3 Dissemination Workshop Report for Greece

Authors: Dr Elena Kountouri, Dr Eri Papatheodorou

##### Event Details

Title: Promotion of Archaeological Monuments and Historical Buildings to Europeana: Best Practices in Documentation and Management of Cultural Heritage.

30 January 2013 in the Byzantine and Christian Museum, Athens.

##### Workshop Marketin

Target audience: Archaeologists, experts in museum documentation, digital infrastructures and archives.

Channels used: Website of the Hellenic Ministry of Education and Religious Affairs, Culture and Sports, e-mail list and posters.

Materials were provided at the workshop included a pomotional folder which contained the program, a CD\_ROM with the presentation-abstracts, a CARARE card, a notebook, a bookmark and a pencil.

##### The Workshop



Around 165 people attended the Workshop. The main themes were digital documentation, curation and management of the cultural heritage. The aim of the Workshop was the information about the Best Practices on preparing and on re-using extant digital data, creating and managing digital data and guidance to ensure proper preparation and documentation of these data for long term archiving. The partners of CARARE, National Technical University of Athens (IVML) and Athena Research



and Innovation Centre in Information (DCU and ILSP-Xanthi [CETI]) presented the technical approach, the tools of the CARARE aggregation service and guidelines on the documentation of cultural content.

The Workshop consisted of two sessions with twelve presentations overall and lasted five hours. The programme was as follows:

9.00-9.30 Registration

9.30-9.45 Dr Lina Mendoni, General Director of the General Secretariat of Ministry of Education, Religious Affairs, Culture & Sports, *Introduction*.

9.45-10.00 Sheena Bassett (Dissemination Manager for the CARARE Project), *CARARE: Project Overview*.

10.00-10.15 Dr Elena Kountouri, Vassilis Oikonomou, Dr Eri Papatheodorou, Effie Patsatzi (Directorate of the National Archive of Monuments, General Secretariat of Ministry of Education, Religious Affairs, Culture & Sports), *CARARE / EUROPEANA: the D.N.A.M. contribution to the network*.

10.15-10.30 Konstantinos Chatzichristos, Katerina Moutogianni, Maria Kotlida (Directorate of Informatics and Telecommunications, General Secretariat of Ministry of Education, Religious Affairs, Culture & Sports), *EU Projects for online Accessibility to Cultural Content and e-Infrastructures: the Contribution of the Directorate of Informatics and Telecommunications*.

10.30-10.45 Konstantinos Kollias (Professor of the National Technical University of Athens, School of Electrical and Computer Engineering), *The Management of the Digital Cultural Heritage and the European Experience*.

10.45-11.00 [Panos Constantopoulos](#) (Professor Athens University of Economics and Business and "Athena" Research Centre), *Digital Curation, Digital Cultural Memory, and Digital Infrastructures*.

11.00-11.15 Christodoulos Chamzas (Professor of Democritus University of Thrace) - Dr. Anestis Koutsoudis (CLEPSYDRA: Digitisation Centre of Cultural Heritage", Xanthi, 'Athena' Research and Innovation Centre), *CARARE and 3D-ICONS: Providing 3D Content to EUROPEANA*.

11.15-11.30 Dr. Evi Sachini (Strategic Planning and Development Dept., Deputy Director National Documentation Centre, National Hellenic Research Foundation), *Creating eInfrastructure and Services for the Collaborative Development and Dissemination of Greek Digital Cultural Heritage*.

Coffee Break

Session chair: Dr Metaxia Tsipopoulou (Honorary Director of the National Archive of Monuments)

11.45-12.00 Dr. Despoina Tsiafaki ("Athena" Research Center), *Digitization of Cultural Heritage: a necessity for the Documentation in the 21<sup>st</sup> century*.

12.00-12.15 Alexandra Bounia (Associate Professor at the University of the Aegean, Cultural Technology and Communication), *Promotion of the Cultural Heritage*.

12.15-12.30 Dr Pantos Pantos (Honorary Director of the National Archive of Monuments), *National Monuments Records in European Countries*.



12.30-12.45 Dr Anastasia Lazaridou (Director of the Byzantine and Christian Museum), *Documenting the collections of the Byzantine and Christian Museum.*

12.45-13.00 Ifigenia Dionissiadou (Information Technology Department – Benaki Museum), *Implementing the international museum documentation standards at the Benaki Museum.*

13.00-13.15 Dr. Prodromos Tsiavos (Scientific Associate of the National Documentation Centre, National Hellenic Research Foundation), *Public Sector Information and Cultural Information Reuse vs. Cultural Heritage Protection: The nexus of provisions of laws 2121/1993, 3448/2006 and 3028/2002 and the Creative Commons licences.*

13.15-13.30 Discussion and final questions

13.30-14.30 Lunch

## The workshop in the media

**Ethnos**, daily newspaper [url:http://www.ethnos.gr/article.asp?catid=22784&subid=2&pubid=63775194](http://www.ethnos.gr/article.asp?catid=22784&subid=2&pubid=63775194)

**To Vima**, daily newspaper

url: <http://www.tovima.gr/culture/article/?aid=495757>

## Feedback

The participants showed great interest in the e-infrastructures, services and management of digital cultural heritage.



## 4.16 *National CARARE Workshop in the Netherlands*

### Organisation of the Workshop

The “Dutch heritage in a European Perspective” workshop was organised jointly by the three partners from the Netherlands:

- Hella Hollander, DANS-KNAW
- Henk Alkemade, RCE (state agency for cultural heritage)
- Hans de Haan, N303BV.

Invitations were sent to all the cultural heritage organisations that the RCE oversees.

**Date:** January 31, 2013

12.00 – 17.00 hours (plus social meeting afterwards)

**Place:** Auditorium at the RCE, Amersfoort



The conference was attended by ca. 55-66 representatives from heritage organisations and museums.

The conference had three objectives:

- promoting CARARE and Europeana
- allowing end users talk about their experience with CARARE and Europeana
- familiarisation with the project by means of two workshops.

## The programme:

- 12.30      **Welcome and the importance of CARARE**  
 by *Cees van 't Veen*, director at The Cultural Heritage Agency
- 12.40      **The value of Europeana for the marketing of cultural heritage**  
 by *Jan Molendijk*, technical & operations director at Europeana
- 13.00      **The road to Europeana via CARARE**  
 by *Henk Alkemade*, project manager CARARE at The Cultural Heritage Agency
- 13.20      **The e-depot Dutch Archaeology in CARARE**  
 by *Hella Hollander*, project manager CARARE at Data Archiving and  
 Networked Services
- 13.30 and      **The technique of publishing on Europeana CARARE**  
 14.00      demonstration by *Will Brouwers*, and *Bart Broex*, specialist geographic information,  
 both working at The Cultural Heritage Agency
- 13.30 and      **Digital museological Collection The Netherlands**  
 14.00      demonstration by *Hans Schraven*, contributor Knowledge distribution at  
 The Cultural Heritage Agency
- 14.30      Intermission
- 14.45      **Europeana through the eyes of the user**  
 by *Minou Schraven*, Ass Professor Art History and Museum Studies at  
 Amsterdam University College and *Oscar Seip* resMA, Art Studies at  
 Universiteit van Amsterdam
- 15.15      **The future of CARARE, Europeana and Dutch digital heritage**  
 by *Hans de Haan*, project manager for CARARE at N303BV
- 15.30      **Presentation in 3D and virtual reality with CARARE**  
 by *Daniël Pletinckx*, ingenieur informatietechnologie bij Visual Dimension
- 16.0      Final conclusion and drinks

Unfortunately, Behrang Mousavi (Netherlands Architectural Institute) had to cancel his presentation because of illness.

## Presentations

The presentations of our speakers can be found on:

<http://www.cultureelerfgoed.nl/actueel/nieuws/hoe-europeana-cultureel-erfgoed-digitaal-ontsluit> or  
 via <http://www.slideshare.net/cultureelerfgoed/>

## Attending organisations

Representatives of the following organisations attended the conference:

- Haags Historisch Museum
- "De Waterfabriek"- voor erfgoedvragen
- Radboud Universiteit Nijmegen
- Rijksdienst voor het Cultureel Erfgoed
- Haags Historisch Museum
- Nederlands Instituut voor Beeld en Geluid
- Radboud Universiteit Nijmegen
- Visual Dimension
- N303BV
- DANS, Data Archiving and Networked Services
- FocusInProces
- Bij de Tijd Collectie Advies
- Gemeente Ede
- Europeana
- DCICC/Cultureel Contactpunt Nederland
- Reekx
- Digitaal Erfgoed Nederland
- Weleer erfgoedcommunicatie, presentatie en advies
- Amsterdam University College
- Hunebedcentrum
- TU Delft
- Universiteit van Amsterdam
- Triquanta Web Solutions
- Deventer musea
- Digitale Collectie Nederland
- Nationaal Archief
- Stichting DEN
- Vrije Universiteit (CLUE)/TU Delft/ Architect
- Wageningen Universiteit
- Stichting Oude Groninger Kerken
- Digitaal Erfgoed Nederland
- Fries Museum
- DCICC (SICA)
- Sometijds / Museum Het Schip
- Museum De Noord



## Images from the Conference



*Jan Molendijk talks about Europeana*



*Henk Alkemade presents the Road to Europeana via CARARE*



*Hella Hollander, DANS-KNAW, presents the e-depot*



*Hans de Haan presents the Future of CARARE and Europeana*

## Feedback

The conference was very well received and the people attending were very pleased with, what some called 'these hidden gems', meaning the possibilities offered by CARARE/Europeana.



## **4.17 Institute for the Protection of Cultural Heritage: Workshop Report for Slovenia**

Author: Franc J. Zakrajšek

### **Introduction**

The Institute for the Protection of Cultural Heritage (IPCHS) for Slovenia presented the Carare project results on the 30th January 2013 at the National Museum of Slovenia, Ljubljana. The event was attended by twenty seven people from the Institute for the Protection of Cultural Heritage, the private sector, Slovenian museums and from Ministry of Education, Science, Culture and Sport.

### **Workshop marketing**

Regional Offices of the Institute for the protection of cultural heritage of Slovenia, Slovenian museums and the Ministry of Education, Science, Culture and Sport were invited via e-mails. The target audience for the workshop were employees in the field of cultural heritage (archaeologists, conservators, experts in libraries and archives, heritage managers), government offices, educational institutions, civil society organizations and the public interested in the preservation of monuments.

### **Workshop Program**

Presentation of results of the project Carare – Connecting ARchaeology and ARchitecture in Europeana

#### **1. Introduction**

dr. Jelka Pirkovič, director general

#### **2. The project results and IPCHS contributions**

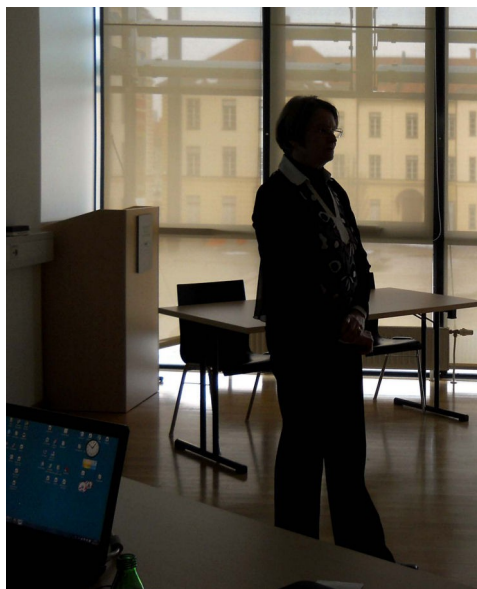
Franc J. Zakrajšek, coordinator of the Carare project for Slovenia

#### **3. Making the digital content of IPCHS for Carare and Europeana**

Gregor Vidmar, MFC.2 d.o.o.

Darija Modrijan, Institute for the protection of cultural heritage of Slovenia

#### **4. Discussion**



Dr. Jelka Pirkovič, Director General of the IPCHS welcomed all participants and thanked the colleagues for their efforts and contributions. She praised the results of the work on the project, and also pointed to the need for further action. She highlighted the need for greater integration of institutions and the need for greater connectivity of data.



*The audience*



Franc J. Zakrajšek, coordinator of the Carare project for Slovenia presented the project results and IPCHS contributions. He gave the audience a broader picture of developments made during the project, the objectives that were set and final achievements.

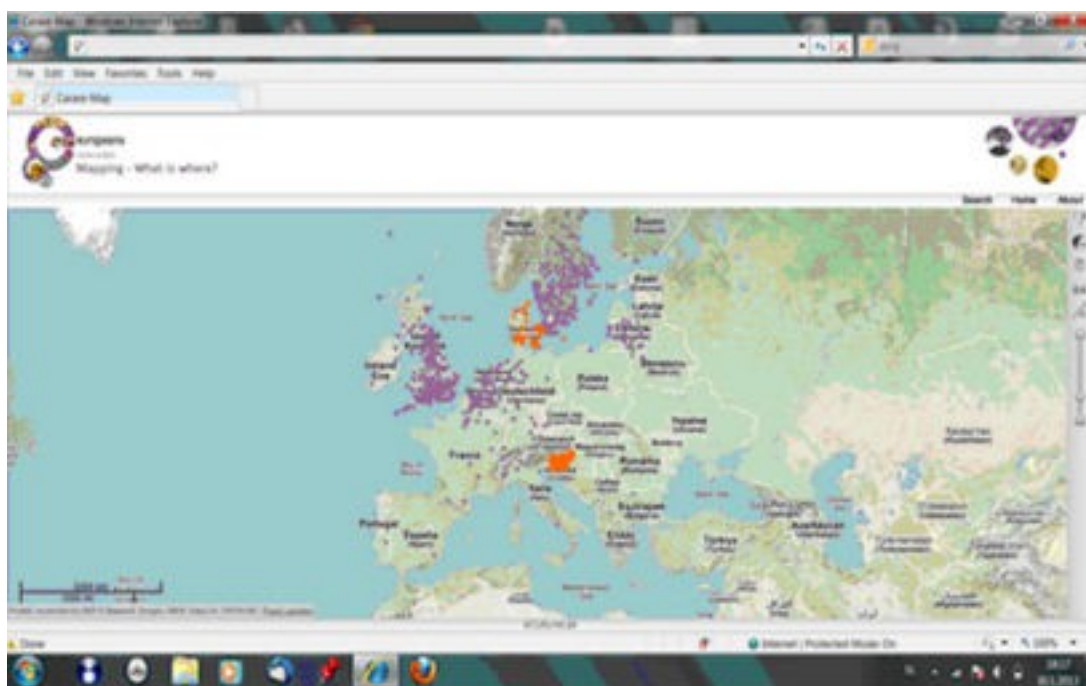
*Presentation of the project results - Franc J. Zakrajšek*

The presentation summarized aims and goals achieved by the Carare project, presentation of the partners and work packages. The focus was on:

- 3D/VR Methodology
- Report on Europeana GIS services and archaeology/architecture site data
- Report and recommendations on IPR
- A Review and Analysis of the Sustainability of Digital Curation and Access to Heritage Data
- CARARE metadata schema and workflow
- CARARE technical approach
- CARARE and EDM

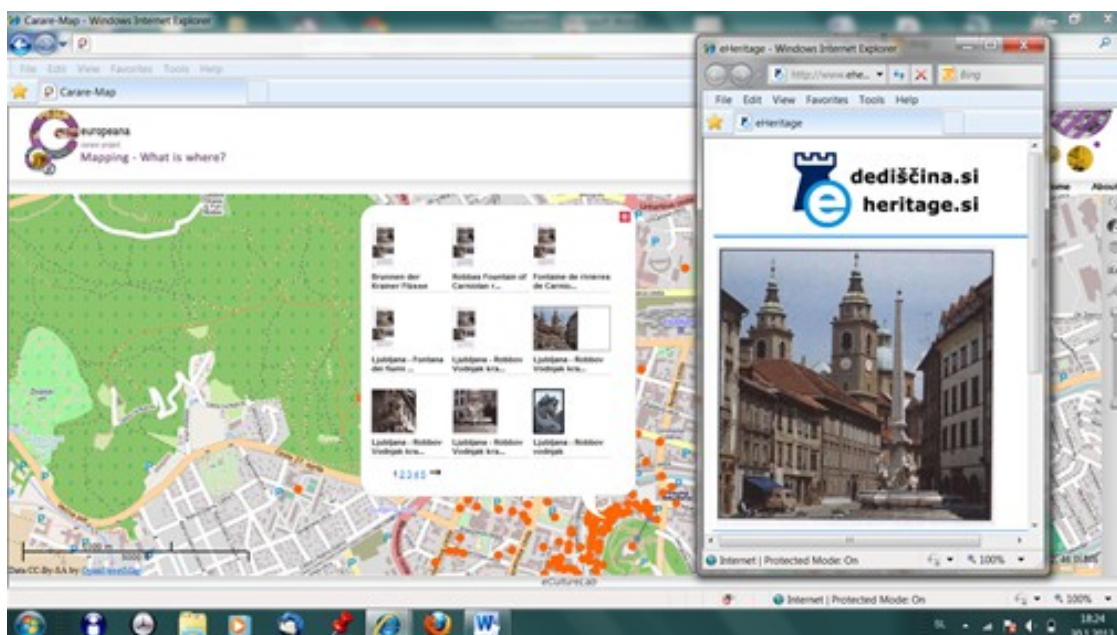
The second part of the workshop dealt with the IPCHS process of digitization of content; the technical expertises were presented. The IPCHS ingested 164 3D Models of most important monuments of Slovenia as well as texts, images and photographs into Europeana.

Special attention and interest was expressed when presenting the core work of the IPCHS related to GIS. The expertise report on Europeana GIS services and archaeology/architecture site data and GIS Mapping Application were presented. The application contains places related to the content that CARARE partners ingested to Europeana. Each place is represented with a spot on the map. The user retrieves the information on the heritage object at this point by clicking on it. Each ingested item is presented with a thumbnail, title, provider and a hyperlink to a context, where a user can obtain more information on the selected item.



*Screen shot of the map of Carare digital content (draft, 800.000 objects)*





*Browsing IPCHS content ingested to CARARE and Europeana*



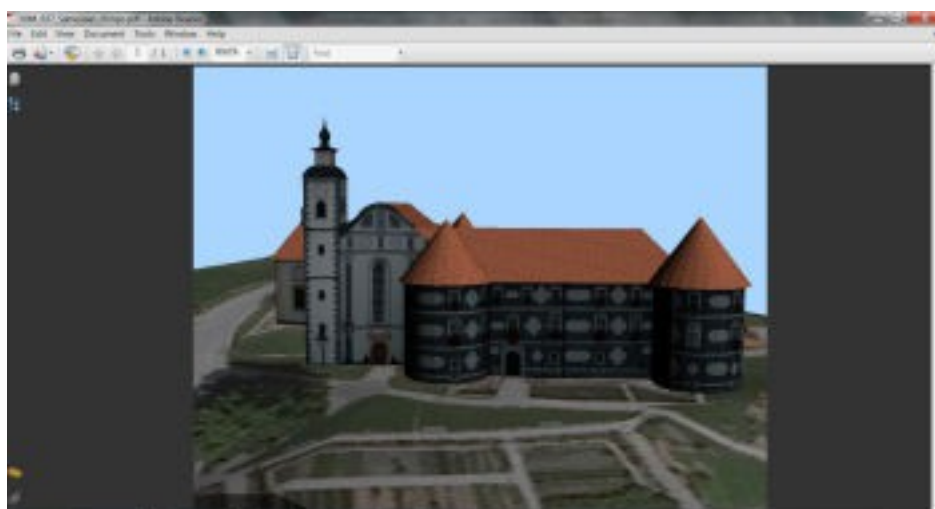
*CARARE Map on mobile devices*





Gregor Vidmar and Darija Modrijan presented works on producing the digital content; the data bases that were used, work on the preparation and transformation of data, that data were suitable for the needs and requirements of the project.

*Presentation of making the digital content – Gregor Vidmar*



*Case of IPCHS digital content: 3D PDF document featuring the Monastery of Olimje*

## Feedback from participants

Participants were actively involved with the questions during the presentations, as in the discussion after the presentations. Most of them were previously familiar with the project and they also participated in the preparation of data. They expressed positive comments regarding the results and made several suggestions for further activities. At the same time they called for greater visibility of the results of the project.



## 5. Conclusion

The CARARE project planned and organised a series of national dissemination workshops during the third year of the project. What followed was a series of highly successful events which were well attended by archaeologists, content managers, collecting institutions and those with an interest in finding out more about the benefits of Europeana.